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ENDOSCOPE

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Abstract of JP11056763

PROBLEM TO BE SOLVED: To enable the tip end part of an inserting part of an endoscope to be rightly directed, by setting the rigidity of a specific range in the axis direction of a bent part with tendency of curving in a direction different from the direction of a purpose higher than that of other ranges of the bent part. **SOLUTION:** On the outer periphery face of a bent hollow tube 18, a bent braid 19 formed of a net tube 19 made by braiding an element wire 19a made of stainless steel into a mesh is covered and an outer crust 20 is comprising rubber, etc., is covered on the outside. The bent braid 19 is constituted of a first braid formation 19A to the tip end part side of the bent part 5 and a second braid formation 19B to the rear end part side. Pitches P1, P2 between neighboring element wires 19a of each net tube 19b composing both braid formations 19A, 19B are set to be $P1 < P2$, and the rigidity of the first braid formation 19A is set lower than that of the second braid formation 19B. By this constitution, the bend resistance of the bent part 5 against bending in a direction different from the aimed direction is increased to be rightly bent.

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